

## Freeform Search

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 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Term:**

**Display:**  **Documents in Display Format:**  **Starting with Number**

**Generate:** ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image




### Search History

**DATE:** Wednesday, September 12, 2007    [Purge Queries](#)    [Printable Copy](#)    [Create Case](#)

<u>Set</u> <u>Name</u> <u>Query</u> <small>side by side</small>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> <small>result set</small>
<i>DB=USPT; PLUR=YES; OP=OR</i>		
<u>L34</u> (D367472   D341825   D367289   D371550   D340036   D332776   D311178   D359951   D309297   5221838   D350117   D367044   D363732   D348440   D364391   D308859   4341951   D370213   D367270   D298944   D356546   D348439   D366463   D360621)! [PN]	24	<u>L34</u>
<u>L33</u> ("D389466") [PN]	1	<u>L33</u>
<u>L32</u> (4211919   4910510   4939514   4843385   4724527   4951044   4277837   4773032   4839628   4884212   4831647   4910696   4891836)! [PN]	13	<u>L32</u>
<u>L31</u> ("5221838") [PN]	1	<u>L31</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<u>L30</u> 5221838.uref.	246	<u>L30</u>
<u>L29</u> 5221838.pn.	2	<u>L29</u>
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<u>L24</u>	705/39	2381	<u>L24</u>
<u>L23</u>	361/683	7463	<u>L23</u>
<u>L22</u>	361/708	441	<u>L22</u>
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<u>L20</u>	235/382	4517	<u>L20</u>
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<u>L18</u>	235/370	10	<u>L18</u>
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<u>L14</u>	l9 and L11	34	<u>L14</u>
<u>L13</u>	l9 and L12	0	<u>L13</u>
<u>L12</u>	361.clas.	152006	<u>L12</u>
<u>L11</u>	235.clas.	99725	<u>L11</u>
<u>L10</u>	705.clas.	53529	<u>L10</u>
<u>L9</u>	L8 and (card with stripe with reader or barcode with reader or keypad or touch with screen or smart with card with reader or kiosk or memory with card)	189	<u>L9</u>
<u>L8</u>	L7 and (telephony with interface or wireless with interface or wireline with communications with interface or "ir" or radio with frequency with interface or "rf")	220	<u>L8</u>
<u>L7</u>	L6 and (debit with cards or credit with cards or identification with cards or electronic with coupons or "ic card")	344	<u>L7</u>
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<u>L4</u>	L3 and storage	488	<u>L4</u>
<u>L3</u>	L2 and controller	577	<u>L3</u>
<u>L2</u>	L1 and (information or data)	1994	<u>L2</u>
<u>L1</u>	(electronic near wallet or electronic adj wallet or electronic with wallet)	2311	<u>L1</u>

END OF SEARCH HISTORY

File 2:INSPEC 1898-2007/Aug W3  
     (c) 2007 Institution of Electrical Engineers  
 File 35:Dissertation Abs Online 1861-2007/Jul  
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 File 65:Inside Conferences 1993-2007/Aug 29  
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 File 99:Wilson Appl. Sci & Tech Abs 1983-2007/Jul  
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 File 474:New York Times Abs 1969-2007/Aug 29  
     (c) 2007 The New York Times  
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     (c) 2007 The New York Times  
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
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     (c) 1999 Business Wire  
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     (c) 1999 PR Newswire Association Inc  
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     (c) 2007 McGraw-Hill Co. Inc  
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 File 275:Gale Group Computer DB(TM) 1983-2007/Jul 24  
     (c) 2007 The Gale Group  
 File 621:Gale Group New Prod. Annou. (R) 1985-2007/Aug 23  
     (c) 2007 The Gale Group  
 File 636:Gale Group Newsletter DB(TM) 1987-2007/Aug 28  
     (c) 2007 The Gale Group  
 File 16:Gale Group PROMT(R) 1990-2007/Aug 28  
     (c) 2007 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
     (c) 1999 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2007/Aug 23  
     (c) 2007 The Gale Group  
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     (c) 2007 Knight Ridder/Tribune Bus News  
 File 256:TecInfoSource 82-2007/Feb

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Set	Items	Description
S1	4	AU=(GANGI, F? OR GANGI F?)
S2	4	RD (unique items)

2/5/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0012941375 - Drawing available  
WPI ACC NO: 2003-018048/200301  
Related WPI Acc No: 2002-654366; 2006-575229; 2000-087113; 2006-584529  
XRPX Acc No: N2003-013921

**Wallet consolidator for point of sale transaction devices/computers, has memory for storing information including personal identification data**

Patent Assignee: E-MICRO CORP (EMIC-N); GANGI F J (GANG-I)

Inventor: **GANGI F J**

**Patent Family** (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20020139849	A1	20021003	US 2000664205	A	20000918	200301 B
			US 200252405	A	20020117	
US 6938821	B2	20050906	US 200252405	A	20020117	200558 E

Priority Applications (no., kind, date): US 2000664205 A 20000918; US 200252405 A 20020117

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020139849	A1	EN	8	6	C-I-P of application US 2000664205 C-I-P of patent US 6402029

#### Alerting Abstract US A1

NOVELTY - Wallet consolidator has memory for storing information including personal identification data such as driver's license data, checking account data and scanned personal image and smart card interface for communicating with a smart card.

USE - Wallet consolidator for point of sale transaction devices/computers used in supermarket for electronic commerce and for performing membership ID admittance, hospital, health club, medical insurance, event ticketing and money transfer type transactions.

ADVANTAGE - Enables to use customized set of identification data to facilitate a transactions or event of a specific type. Allows usage of existing magnetic strip readers, allows for a single swipe of the card to provide all the information in one pass and enables to hide additional information and use additional information effectively.

DESCRIPTION OF DRAWINGS - The figure shows the transaction flowchart of the process for associating identification and personal data.

**Title Terms/Index Terms/Additional Words:** WALLET; CONSOLIDATE; POINT; SALE; TRANSACTION; DEVICE; COMPUTER; MEMORY; STORAGE; INFORMATION; PERSON; IDENTIFY; DATA

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0020/00	A	I	R	20060101
G07F-0007/12	A	I	R	20060101
G06Q-0020/00	C	I	R	20060101
G07F-0007/12	C	I	R	20060101

US Classification, Issued: 235440000, 235375000, 235379000, 235381000, 235383000, 235380000

File Segment: EPI;  
DWPI Class: S05; T01; T04; T05; W01

Manual Codes (EPI/S-X): S05-G02G2; T01-N01A1; T04-A03; T04-D02; T04-K02;  
T05-D01A; T05-H02C5C; T05-L02; W01-A05B

2/5/2 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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0012797809 - Drawing available

WPI ACC NO: 2002-654366/200270

Related WPI Acc No: 2003-018048; 2006-575229; 2000-087113; 2006-584529

XRFX Acc No: N2002-516932

**Magnetically encoded card e.g. credit card has additional data that are written between set of special control codes on track, subsequent to initial data being placed on track**

Patent Assignee: E-MICRO CORP (EMIC-N)

Inventor: **GANGI, P. J.**

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 6402029	B1	20020611	US 199887193	A	19980529	200270 B
			US 2000664205	A	20000918	

Priority Applications (no., kind, date): US 199887193 A 19980529; US  
2000664205 A 20000918

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6402029	B1	EN	6	5	C-I-P of application US 199887193 C-I-P of patent US 6131811

#### Alerting Abstract US B1

NOVELTY - The card (20) is provided with at least one track originally containing data. Additional data are written on the track between a set of special control codes. The additional data are written subsequent to the initial data being placed on the track.

USE - Magnetically encoded card e.g. credit card.

ADVANTAGE - Allows use of conventional types of magnetic stripe readers currently being used in most retail establishments. Provides all information with single swipe of card through magnetic stripe reader.

DESCRIPTION OF DRAWINGS - The figure is the track layout of the magnetically encoded card.

20 Magnetically encoded card

**Title Terms/Index Terms/Additional Words:** MAGNETIC; ENCODE; CARD; CREDIT;  
ADD; DATA; WRITING; SET; SPECIAL; CONTROL; CODE; TRACK; SUBSEQUENT;  
INITIAL; PLACE

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06K-0007/00 A I R 20060101

G06Q-0020/00 A I R 20060101

G07F-0007/12 A I R 20060101

G06K-0007/00 C I R 20060101

G06Q-0020/00 C I R 20060101

G07F-0007/12 C I R 20060101

US Classification, Issued: 235492000, 235380000

File Segment: EPI;  
DWPI Class: T03; T04; T05  
Manual Codes (EPI/S-X): T03-A08C; T04-A03A; T04-B; T05-H02C5A

2/5/3 (Item 3 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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0009797987 - Drawing available  
WPI ACC NO: 2000-087113/200007  
Related WPI Acc No: 2002-654366; 2003-018048; 2006-575229; 2006-584529  
XRPX Acc No: N2000-068379

**Wallet consolidator for electronic smart card, credit, debit,  
identification and other types of authorization cards**

Patent Assignee: E-MICRO CORP (EMIC-N)

Inventor: **GANGI F J**

**Patent Family (6 patents, 84 countries)**

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1999063475	A1	19991209	WO 1999US10068	A	19990506	200007 B
AU 199940718	A	19991220	AU 199940718	A	19990506	200021 E
US 6131811	A	20001017	US 199887193	A	19980529	200054 E
US 6293462	B1	20010925	US 199887193	P	19980529	200158 E
			US 2000618407	A	20000718	
US 20010045454	A1	20011129	US 199887193	A	19980529	200202 E
			US 2000618407	A	20000718	
			US 2001923617	A	20010806	
MX 2000011711	A1	20020401	WO 1999US10068	A	19990506	200363 E
			MX 200011711	A	20001128	

Priority Applications (no., kind, date): US 199887193 P 19980529; US 199887193 A 19980529; US 2000618407 A 20000718; US 2001923617 A 20010806

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1999063475	A1	EN	20	3	
National Designated States,Original: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW					
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW					
AU 199940718	A	EN			Based on OPI patent WO 1999063475
US 6293462	B1	EN			Continuation of application US 199887193
					Continuation of patent US 6131811
US 20010045454	A1	EN			Continuation of application US 199887193
					Continuation of application US 2000618407
					Continuation of patent US 6131811
					Continuation of patent US 6293462
MX 2000011711	A1	ES			PCT Application WO 1999US10068
					Based on OPI patent WO 1999063475

#### Alerting Abstract WO A1

NOVELTY - A magnetic stripe reader/writer (220) reads and writes information from and to magnetic stripes. A keypad (150) is provided for inputting user selections and commands. Information provided read from

magnetic stripes is stored in a memory of the consolidator. A smart card interface (170) effectuates communication between the consolidator and a smart card.

DESCRIPTION - The barcode pattern capable of being scanned by a barcode reader, the text and graphics are displayed in a display screen (200). An INDEPENDENT CLAIM is also included for method for warehousing information in wallet consolidator.

USE - For electronic smart card, various types of credit, debit, identification and other types of authorization cards for storage of information pertaining to electronic commerce and consumer identification.

ADVANTAGE - Allows use of a single smart card to hold various information contained on several cards.

DESCRIPTION OF DRAWINGS - The figure shows perspective view of wallet consolidates.

150 Keypad

170 Smart card interface

200 Display screen

220 Magnetic stripe reader/writer

**Title Terms/Index Terms/Additional Words:** WALLET; CONSOLIDATE; ELECTRONIC; SMART; CARD; CREDIT; DEBIT; IDENTIFY; TYPE; AUTHORISE

#### **Class Codes**

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06K-0007/00 A I R 20060101

**G06Q-0020/00** A I R 20060101

G07F-0007/12 A I R 20060101

G06K-0007/00 C I R 20060101

**G06Q-0020/00** C I R 20060101

G07F-0007/12 C I R 20060101

US Classification, Issued: 235380000, 235492000, 235380000, 235492000, 235380000

File Segment: EPI;

DWPI Class: T01; T04

Manual Codes (EPI/S-X): T01-C07C1; T04-A03A; T04-A03B; T04-M02



Set	Items	Description
S1	1781	INPUT()DEVICE? OR TOUCH() (SCREEN? OR PAD OR PADS) OR KEYPAD? OR READER? OR WRITER? OR SCANNER? OR (RADIO()FREQUENCY OR - RF OR INFRARED OR IR OR WIRELESS) (1W)INTERFACE
S2	1481	S1(4N) (READ??? OR SCAN???? OR SWIP??? OR RECEIV???)
S3	688	(CHARGE OR CREDIT OR DEBIT OR CHECK OR CHEQUE OR BANK OR BANC OR STORED()VALUE OR STOREDVALUE OR SMART OR IC OR INTEGRATED()CIRCUIT) (1W) (CARD OR CARDS) OR CHARGECARD? ? OR CREDITCARD? ? OR DEBITCARD? ? OR BANKCARD? ? OR CHECKCARD? ? OR DRIVER?()LICENSE? OR MAGNETIC()STRIPE? OR BAR()CODE? OR BARCODE?
S4	18770	INFORMATION OR DATA OR (ACCOUNT? OR CARD? OR IDENTIFICATION OR ID) (2W)NUMBER?
S5	1873	S4(4N) (WAREHOUS??? OR STOR??? OR RECORD??? OR CONSOLIDAT?)
S6	1189	CONSOLIDATOR? OR MEMORY OR STORAGE() (DEVICE? OR MEDIA OR MEDIUM)
S7	823	S4(4N) (TRANSMIT? OR TRANSFER? OR SEND? OR SENT)
S8	357	SALES()MANAGEMENT()SYSTEM? OR POS OR EPOS OR POINT(1W) (SALE? OR SELL? OR SERVICE? OR PURCHASE? OR TRANSACT?) OR (SALE? - OR SELL? OR SERVICE) (2N)TERMINAL? ? OR ECR OR CASH()REGISTER? ? OR CHECKOUT OR CHECK?(W)OUT
S9	12	(CUSTOMI? OR PERSONALIZ? OR PERSONALIS? OR INDIVIDUAL?) (3N-)CARD? ?
S10	1	S9(5N) (WRIT??? OR CREAT? OR PRODUC??? OR GENERAT???)
S11	15844	MANY OR MULTIPL? OR MULTI OR SEVERAL OR NUMEROUS? OR PLURAL? OR VARIOUS? OR (MORE OR GREATER) (1N) (1 OR ONE) OR DIFFERENT
S12	256	S11(S)S3
S13	77	S2 AND S12
S14	0	S13 AND S9
S15	14	S13 AND S5
S16	1	S15 AND S8

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File 268: Banking Info Source 1981-2007/Jul W5  
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File 626: Bond Buyer Full Text 1981-2007/Aug 28  
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File 267: Finance & Banking Newsletters 2007/Aug 20  
(c) 2007 Dialog  
File 608: KR/T Bus. News. 1992-2007/Aug 29  
(c) 2007 Knight Ridder/Tribune Bus News

Set	Items	Description
S1	203796	INPUT() DEVICE? OR TOUCH() (SCREEN? OR PAD OR PADS) OR KEYPAD? OR READER? OR WRITER? OR SCANNER? OR (RADIO() FREQUENCY OR - RF OR INFRARED OR IR OR WIRELESS) (1W) INTERFACE
S2	67646	S1(4N) (READ??? OR SCAN???? OR SWIP??? OR RECEIV???)
S3	153321	(CHARGE OR CREDIT OR DEBIT OR CHECK OR CHEQUE OR BANK OR BANC OR STORED() VALUE OR STOREDVALUE OR SMART OR IC OR INTEGRATED() CIRCUIT) (1W) (CARD OR CARDS) OR CHARGECARD? ? OR CREDITCARD? ? OR DEBITCARD? ? OR BANKCARD? ? OR CHECKCARD? ? OR DRIVE-R? () LICENSE? OR MAGNETIC() STRIPE? OR BAR() CODE? OR BARCODE?
S4	1884914	INFORMATION OR DATA OR (ACCOUNT? OR CARD? OR IDENTIFICATION OR ID) (2W) NUMBER?
S5	53399	S4(4N) (WAREHOUSE??? OR STOR??? OR RECORD??? OR CONSOLIDAT?)
S6	54324	CONSOLIDATOR? OR MEMORY OR STORAGE() (DEVICE? OR MEDIA OR MEDIUM)
S7	29298	S4(4N) (TRANSMIT? OR TRANSFER? OR SEND? OR SENT)
S8	75690	SALES() MANAGEMENT() SYSTEM? OR POS OR EPOS OR POINT(1W) (SALE? OR SELL? OR SERVICE? OR PURCHASE? OR TRANSACT?) OR (SALE? - OR SELL? OR SERVICE) (2N) TERMINAL? ? OR ECR OR CASH() REGISTER? ? OR CHECKOUT OR CHECK?(W) OUT
S9	2143	(CUSTOMI? OR PERSONALIZ? OR PERSONALIS? OR INDIVIDUAL?) (3N-) CARD? ?
S10	185	S9(5N) (WRIT??? OR CREAT? OR PRODUC??? OR GENERAT???)
S11	2159688	MANY OR MULTIPL? OR MULTI OR SEVERAL OR NUMEROUS? OR PLURAL? OR VARIOUS? OR (MORE OR GREATER) (1N) (1 OR ONE) OR DIFFERENT
S12	8863	S11(5N) S3
S13	81	S12(5N) S2
S14	952	S5(5N) S6
S15	112	S7(5N) S8
S16	5	S13 AND (S14 OR S15 OR S10)
S17	5	RD (unique items)
S18	0	S13(2S) S5(3S) S9
S19	4	S13(4S) S5
S20	24	S13 AND S5
S21	9	S20 AND S8
S22	9	RD (unique items)
S23	8	S22 NOT S17

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(c) 1999 The Gale Group  
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Set	Items	Description
S1	2531602	INPUT()DEVICE? OR TOUCH() (SCREEN? OR PAD OR PADS) OR KEYPAD? OR READER? OR WRITER? OR SCANNER? OR (RADIO())FREQUENCY OR - RF OR INFRARED OR IR OR WIRELESS) (1W)INTERFACE
S2	1244670	S1(4N) (READ??? OR SCAN??? OR SWIP??? OR RECEIV???)
S3	895124	(CHARGE OR CREDIT OR DEBIT OR CHECK OR CHEQUE OR BANK OR BANC OR STORED()VALUE OR STOREDVALUE OR SMART OR IC OR INTEGRATED()CIRCUIT) (1W) (CARD OR CARDS) OR CHARGECARD? ? OR CREDITCARD? ? OR DEBITCARD? ? OR BANKCARD? ? OR CHECKCARD? ? OR DRIVER?()LICENSE? OR MAGNETIC()STRIPE? OR BAR()CODE? OR BARCODE?
S4	20825673	INFORMATION OR DATA OR (ACCOUNT? OR CARD? OR IDENTIFICATION OR ID) (2W)NUMBER?
S5	946952	S4(4N) (WAREHOUS??? OR STOR??? OR RECORD??? OR CONSOLIDAT?)
S6	1041262	CONSOLIDATOR? OR MEMORY OR STORAGE() (DEVICE? OR MEDIA OR MEDIUM)
S7	515384	S4(4N) (TRANSMIT? OR TRANSFER? OR SEND? OR SENT)
S8	593904	SALES()MANAGEMENT()SYSTEM? OR POS OR EPOS OR POINT(1W) (SALE? OR SELL? OR SERVICE? OR PURCHASE? OR TRANSACT?) OR (SALE? - OR SELL? OR SERVICE) (2N)TERMINAL? ? OR ECR OR CASH()REGISTER? ? OR CHECKOUT OR CHECK?(W)OUT
S9	28352	(CUSTOMI? OR PERSONALIZ? OR PERSONALIS? OR INDIVIDUAL?) (3N-)CARD? ?
S10	4044	S9(5N) (WRIT??? OR CREAT? OR PRODUC??? OR GENERAT???)
S11	14668247	MANY OR MULTIPL? OR MULTI OR SEVERAL OR NUMEROUS? OR PLURAL? OR VARIOUS? OR (MORE OR GREATER) (1N) (1 OR ONE) OR DIFFERENT
S12	38714	S11(4N)S3
S13	44005	S5(5N)S6
S14	2093	S7(7N)S8
S15	272	S12 AND S13
S16	0	S15 AND S14
S17	18	S13 AND S10
S18	13	S17 NOT PY>1998
S19	11	RD (unique items)

File 15:ABI/Inform(R) 1971-2007/Aug 29  
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File 624:McGraw-Hill Publications 1985-2007/Aug 29  
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Set	Items	Description
S1	2376701	INPUT()DEVICE? OR TOUCH() (SCREEN? OR PAD OR PADS) OR KEYPAD? OR READER? OR WRITER? OR SCANNER? OR (RADIO()FREQUENCY OR - RF OR INFRARED OR IR OR WIRELESS) (1W)INTERFACE
S2	1217387	S1(4N) (READ??? OR SCAN???? OR SWIP??? OR RECEIV???)
S3	729467	(CHARGE OR CREDIT OR DEBIT OR CHECK OR CHEQUE OR BANK OR BANC OR STORED()VALUE OR STOREDVALUE OR SMART OR IC OR INTEGRATED()CIRCUIT) (1W) (CARD OR CARDS) OR CHARGECARD? ? OR CREDITCARD? ? OR DEBITCARD? ? OR BANKCARD? ? OR CHECKCARD? ? OR DRIVER?()LICENSE? OR MAGNETIC()STRIPE? OR BAR()CODE? OR BARCODE?
S4	16213226	INFORMATION OR DATA OR (ACCOUNT? OR CARD? OR IDENTIFICATION OR ID) (2W)NUMBER?
S5	732472	S4(4N) (WAREHOUS??? OR STOR??? OR RECORD??? OR CONSOLIDAT?)
S6	791608	CONSOLIDATOR? OR MEMORY OR STORAGE() (DEVICE? OR MEDIA OR MEDIUM)
S7	314062	S4(4N) (TRANSMIT? OR TRANSFER? OR SEND? OR SENT)
S8	498198	SALES()MANAGEMENT()SYSTEM? OR POS OR EPOS OR POINT(1W) (SALE? OR SELL? OR SERVICE? OR PURCHASE? OR TRANSACT?) OR (SALE? - OR SELL? OR SERVICE) (2N)TERMINAL? ? OR ECR OR CASH()REGISTER? ? OR CHECKOUT OR CHECK?(W)OUT
S9	20679	(CUSTOMI? OR PERSONALIZ? OR PERSONALIS? OR INDIVIDUAL?) (3N-)CARD? ?
S10	2533	S9(5N) (WRIT??? OR CREAT? OR PRODUC??? OR GENERAT???)
S11	20875747	MANY OR MULTIPL? OR MULTI OR SEVERAL OR NUMEROUS? OR PLURAL? OR VARIOUS? OR (MORE OR GREATER) (1N) (1 OR ONE) OR DIFFERENT
S12	30759	S11(4N)S3
S13	858	S2(5N)S12
S14	22539	S5(5N)S6
S15	1118	S7(7N)S8
S16	12	S13(6S)S14
S17	15	S13 AND (S14 OR S15)
S18	14	RD (unique items)
S19	6	S18 NOT PY>1998
S20	1	S13 AND S10
S21	24	S13 AND S9
S22	4	S21 NOT PY>1998
S23	4	RD (unique items)

File 2:INSPEC 1898-2007/Aug W3  
(c) 2007 Institution of Electrical Engineers  
File 35:Dissertation Abs Online 1861-2007/Jul  
(c) 2007 ProQuest Info&Learning  
File 65:Inside Conferences 1993-2007/Aug 29  
(c) 2007 BLDSC all rts. reserv.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2007/Jul  
(c) 2007 The HW Wilson Co.  
File 474:New York Times Abs 1969-2007/Aug 29  
(c) 2007 The New York Times  
File 475:Wall Street Journal Abs 1973-2007/Aug 28  
(c) 2007 The New York Times  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group  
File 139:EconLit 1969-2007/Aug  
(c) 2007 American Economic Association  
File 485:Accounting & Tax DB 1971-2007/Aug W3  
(c) 2007 ProQuest Info&Learning

Set	Items	Description
S1	218614	INPUT()DEVICE? OR TOUCH() (SCREEN? OR PAD OR PADS) OR KEYPAD? OR READER? OR WRITER? OR SCANNER? OR (RADIO()FREQUENCY OR - RF OR INFRARED OR IR OR WIRELESS) (1W)INTERFACE
S2	103801	S1(4N) (READ??? OR SCAN???? OR SWIP??? OR RECEIV???)
S3	64506	(CHARGE OR CREDIT OR DEBIT OR CHECK OR CHEQUE OR BANK OR BANC OR STORED()VALUE OR STOREDVALUE OR SMART OR IC OR INTEGRATED()CIRCUIT) (1W) (CARD OR CARDS) OR CHARGECARD? ? OR CREDITCARD? ? OR DEBITCARD? ? OR BANKCARD? ? OR CHECKCARD? ? OR DRIVER?()LICENSE? OR MAGNETIC()STRIPE? OR BAR()CODE? OR BARCODE?
S4	4240351	INFORMATION OR DATA OR (ACCOUNT? OR CARD? OR IDENTIFICATION OR ID) (2W)NUMBER?
S5	125767	S4(4N) (WAREHOUSE??? OR STOR??? OR RECORD??? OR CONSOLIDAT?)
S6	264393	CONSOLIDATOR? OR MEMORY OR STORAGE() (DEVICE? OR MEDIA OR MEDIUM)
S7	73153	S4(4N) (TRANSMIT? OR TRANSFER? OR SEND? OR SENT)
S8	34812	SALES()MANAGEMENT()SYSTEM? OR POS OR EPOS OR POINT(1W) (SALE? OR SELL? OR SERVICE? OR PURCHASE? OR TRANSACT?) OR (SALE? - OR SELL? OR SERVICE) (2N)TERMINAL? ? OR ECR OR CASH()REGISTER? ? OR CHECKOUT OR CHECK? (W)OUT
S9	926	(CUSTOMI? OR PERSONALIZ? OR PERSONALIS? OR INDIVIDUAL?) (3N-)CARD? ?
S10	52	S9(5N) (WRIT??? OR CREAT? OR PRODUC??? OR GENERAT???)
S11	4984705	MANY OR MULTIPL? OR MULTI OR SEVERAL OR NUMEROUS? OR PLURAL? OR VARIOUS? OR (MORE OR GREATER) (1N) (1 OR ONE) OR DIFFERENT
S12	11166	S11(S)S3
S13	1135	S2 AND S12
S14	14730	S5 AND S6
S15	845	S7 AND S8
S16	63	S13 AND S14
S17	10	S16 AND S15
S18	0	S17 AND S10
S19	72	S13 AND S15
S20	5	S19 AND S9
S21	5	RD (unique items)
S22	63	S16 AND S14
S23	4	S22 AND S9
S24	4	RD (unique items)

File 348:EUROPEAN PATENTS 1978-2007/ 200734

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File 349:PCT FULLTEXT 1979-2007/UB=20070816UT=20070809

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Set	Items	Description
S1	217822	INPUT()DEVICE? OR TOUCH() (SCREEN? OR PAD OR PADS) OR KEYPAD? OR READER? OR WRITER? OR SCANNER? OR (RADIO()FREQUENCY OR - RF OR INFRARED OR IR OR WIRELESS) (1W)INTERFACE
S2	154936	S1(4N) (READ??? OR SCAN???? OR SWIP??? OR RECEIV???)
S3	63987	(CHARGE OR CREDIT OR DEBIT OR CHECK OR CHEQUE OR BANK OR BANC OR STORED()VALUE OR STOREDVALUE OR SMART OR IC OR INTEGRATED()CIRCUIT) (1W) (CARD OR CARDS) OR CHARGECARD? ? OR CREDITCARD? ? OR DEBITCARD? ? OR BANKCARD? ? OR CHECKCARD? ? OR DRIVER?()LICENSE? OR MAGNETIC()STRIPE? OR BAR()CODE? OR BARCODE?
S4	1058495	INFORMATION OR DATA OR (ACCOUNT? OR CARD? OR IDENTIFICATION OR ID) (2W)NUMBER?
S5	333847	S4(4N) (WAREHOUS??? OR STOR??? OR RECORD??? OR CONSOLIDAT?)
S6	405326	CONSOLIDATOR? OR MEMORY OR STORAGE() (DEVICE? OR MEDIA OR MEDIUM)
S7	266147	S4(4N) (TRANSMIT? OR TRANSFER? OR SEND? OR SENT)
S8	45081	SALES()MANAGEMENT()SYSTEM? OR POS OR EPOS OR POINT(1W) (SALE? OR SELL? OR SERVICE? OR PURCHASE? OR TRANSACT?) OR (SALE? - OR SELL? OR SERVICE) (2N)TERMINAL? ? OR ECR OR CASH()REGISTER? ? OR CHECKOUT OR CHECK?(W)OUT
S9	4445	(CUSTOMI? OR PERSONALIZ? OR PERSONALIS? OR INDIVIDUAL?) (3N-)CARD? ?
S10	424	S9(5N) (WRIT??? OR CREAT? OR PRODUC??? OR GENERAT???)
S11	2004796	MANY OR MULTIPL? OR MULTI OR SEVERAL OR NUMEROUS? OR PLURAL? OR VARIOUS? OR (MORE OR GREATER) (1N) (1 OR ONE) OR DIFFERENT
S12	8157	S11(4N)S3
S13	1356	S2(6N)S12
S14	148202	S5(6N)S6
S15	1410	S7(6N)S8
S16	65	S13(S)S14
S17	1	S16(S)S15
S18	14	S12(S)S15
S19	3	S18(S)S9
S20	3	S19 NOT S17
S21	16	S12(S)S10
S22	6	S21 AND IC=(G06F? OR G06Q?)
S23	6	S22 NOT S20

File 350:Derwent WPIX 1963-2007/UD=200754  
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File 347:JAPIO Dec 1976-2007/Mar(Updated 070809)  
(c) 2007 JPO & JAPIO

Set	Items	Description
S1	368816	INPUT()DEVICE? OR TOUCH() (SCREEN? OR PAD OR PADS) OR KEYPAD? OR READER? OR WRITER? OR SCANNER? OR (RADIO())FREQUENCY OR - RF OR INFRARED OR IR OR WIRELESS) (1W)INTERFACE
S2	269220	S1(4N) (READ??? OR SCAN???? OR SWIP??? OR RECEIV???)
S3	102646	(CHARGE OR CREDIT OR DEBIT OR CHECK OR CHEQUE OR BANK OR BANC OR STORED()VALUE OR STOREDVALUE OR SMART OR IC OR INTEGRATED()CIRCUIT) (1W) (CARD OR CARDS) OR CHARGECARD? ? OR CREDITCARD? ? OR DEBITCARD? ? OR BANKCARD? ? OR CHECKCARD? ? OR DRIVER?()LICENSE? OR MAGNETIC()STRIPE? OR BAR()CODE? OR BARCODE?
S4	3541620	INFORMATION OR DATA OR (ACCOUNT? OR CARD? OR IDENTIFICATION OR ID) (2W)NUMBER?
S5	961053	S4(4N) (WAREHOUS??? OR STOR??? OR RECORD??? OR CONSOLIDAT?)
S6	1240231	CONSOLIDATOR? OR MEMORY OR STORAGE() (DEVICE? OR MEDIA OR MEDIUM)
S7	581974	S4(4N) (TRANSMIT? OR TRANSFER? OR SEND? OR SENT)
S8	46506	SALES()MANAGEMENT()SYSTEM? OR POS OR EPOS OR POINT(1W) (SALE? OR SELL? OR SERVICE? OR PURCHASE? OR TRANSACT?) OR (SALE? - OR SELL? OR SERVICE) (2N)TERMINAL? ? OR ECR OR CASH()REGISTER? ? OR CHECKOUT OR CHECK?(W)OUT
S9	3545	(CUSTOMI? OR PERSONALIZ? OR PERSONALIS? OR INDIVIDUAL?) (3N-)CARD? ?
S10	319	S9(5N) (WRIT??? OR CREAT? OR PRODUC??? OR GENERAT???)
S11	34679	S2 AND S3
S12	410879	S5 AND S6
S13	3585	S11 AND S12
S14	8180	S7 AND S8
S15	123	S13 AND S14
<del>S16</del>	1	S15 AND S10
S17	5338267	MANY OR MULTIPL? OR MULTI OR SEVERAL OR NUMEROUS? OR PLURAL? OR VARIOUS? OR (MORE OR GREATER) (1N) (1 OR ONE) OR DIFFERENT
S18	22747	S17(S)S3
S19	8427	S18 AND S2
S20	358625	S5(S)S6
S21	5656	S7(S)S8
S22	932	S19 AND S20
S23	24	S22 AND S21
S24	1	S23 AND S9
<del>S25</del>	1	S24 NOT S16
<del>S26</del>	18	S23 AND IC=(G06F? OR G06Q?)

File 350:Derwent WPIX 1963-2007/UD=200754  
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File 347:JAPIO Dec 1976-2007/Mar(Updated 070809)  
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File 348:EUROPEAN PATENTS 1978-2007/ 200734  
(c) 2007 European Patent Office  
File 349:PCT FULLTEXT 1979-2007/UB=20070816UT=20070809  
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Set	Items	Description
S1	11	AU=(GANGI, F? OR GANGI F?)
S2	3	S1 AND IC=(G06F? OR G06Q?)